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**Cc:** Ostrander, David[Ostrander.David@epa.gov]; Barry, Michael[Barry.Michael@epa.gov]  
**From:** Barry, Michael  
**Sent:** Mon 10/5/2015 6:12:35 AM  
**Subject:** Mine Adit Samples - 21September

Hi all,

Per last discussions with R8, they want to post the mine adit sampling data on the EPA website, but we will need some messaging on this first. We also haven't yet been authorized to share the data with La Plata county or agency partners.

I've looked at the data available and it seems we need messaging in these areas, here's a start on my thoughts – and I think a lot of this messaging is available.

1. Analytes. EPA previously analyzed for metals as we think they are relevant to the COC's in the mine. La Plata county requested a long list of other analytes (PCBs, VOCs, Rad, etc). EPA met the county's request. I would refer any questions on these analytes to La Plata county.
2. Results: VOC, PCBs, etc are largely non-detect. EPA expected as such as these contaminants are not associated with the GKM.
3. Results: metals. A range of metals were detected and several are over the recreational RBC. These samples were taken in the mine adit and are expected and are a nature of contaminant challenges at the GKM. A recreational scenario isn't valid in the mine adit!
  - a. Some metals were above the recreational RBC at sample point GKM13 in cement creek. I'm not sure of this exact location, but I don't think its really relevant as it may be upstream of many of our current treatment processes.
  - b. All metals were below the recreational RBC at monitoring point CC48 just north of Silverton. Here we should insert the language that's already been developed about the river returning to pre-event conditions.

Also, Susan Griffin who was involved in developing much of this work will report to the ICP on Monday.

Thanks,

Mike

Ps-don't worry, I haven't been up all night. Got back from my bike ride at 8 pm and was exhausted, crashed for a few hours nap!

Cheers,

Mike

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9/24 – 10/7/2015:

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